New Patent Application
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## IN THE CLAIMS

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- 1. (original): A method of forming an OLED element or display having two or more OLED layers, which method comprises providing a blocking layer by printing with an ink in a desired pattern between two of the OLED layers, whereby, in use, conduction across the OLED element or display is reduced in the area of the pattern.
- (original): A method of forming an OLED element or display as claimed in claim
   wherein the ink is coloured to increase contrast.
- 3. (original): A method of forming an OLED element or display as claimed in claim 1 or 2 wherein the blocking layer is located between an electroluminescent layer and either an anode or cathode of the OLED element or display.
- 4. (currently amended): A method of forming an OLED element or display as claimed in any one preceding claim 1 wherein the blocking layer pattern comprises a multiplicity of discrete points of ink.
- 5. (original): A method of forming an OLED element or display as claimed in claim 4 wherein the discrete points of ink are less than about 100  $\mu$ m in size.
- 6. (original): A method of forming an OLED element or display as claimed in claim 4 or 5 wherein the pattern comprises regions with different densities of the discrete points.
- 7. (currently amended): A method of forming an OLED element or display as claimed in any one preceding claim 1 wherein the ink is insoluble in the medium used to deposit underlying and/or overlying OLED layers.
- 8. (currently amended): A method of forming an OLED element or display as claimed in any one preceding claim 1 wherein the ink comprises a medium which is a liquid which does not dissolve the layer on which the ink is printed.

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- 9. (currently amended): A method of forming an OLED element or display as claimed in any one preceding claim 1 wherein the ink further comprises a colorant, a polymeric binder and/or functional additives.
- 10. (currently amended): A method of forming an OLED element or display as claimed in any one preceding claim 1 wherein the ink is deposited by a direct printing technique selected from ink-jet printing, screen printing, microcontact printing, stamping, soft lithography or electrophotographic printing using a liquid or solid toner.
- 11. (original): A method of forming an OLED element or display as claimed in claim 10 wherein the ink is deposited by ink-jet printing.
- 12. (currently amended): A method of forming an OLED element or display as claimed in any one preceding claim 1 wherein the ink blocking layer is thicker than the OLED layer(s) subsequently deposited onto it.
- 13. (currently amended): A method of forming an OLED element or display as claimed in any one preceding claim 1 wherein the ink blocking layer thickness is from 100 nm to 100 µm thick.
- 14. (currently amended): A method of forming an OLED element or display as claimed in any one preceding claim 1 wherein the OLED layer(s) to be deposited are independently applied by a coating or printing technique selected from solution-, spin-, spray-, dip-, web-, die- or evaporation coating; electroless deposition and ink-jet printing, screen printing, microcontact printing, stamping or soft lithography.
- 15. (currently amended): A method of forming an OLED element or display as claimed in any one preceding claim 1 wherein the wetting of the ink includes a surface treatment of the layer on which the ink is deposited.
- 16. (currently amended): An OLED element or display obtainable by a method as claimed in any one preceding claim 1.
- 17. (original): An OLED display as claimed in claim 16 which, in use, produces a pseudo 3-D image.